DVD + ReWritable

DOLBY DIGITAL

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yamakawa™

DVR-625
DVD RECORDER

yamakawa™

DVD + ReWritable

Trouble shooting Guide

Check the following guide for a possible correction to a problem before contacting customer service.

SYMPTOMS AND CORRECTION

Symptom	Correction
No power	• Connect the power plug into the wall outlet securely.
No picture	• Verify the connection from the DVD video output to the TV video input. Then Switch TV to appropriate mode(video 1) • Connect the video cable into the jacks securely. Refer to your television owners manual.
No sound	• Connect the audio cables into the jacks securely. • Verify the connection from the DVD audio output to the TV or receiver audio input. Then switch to the appropriate source on the receiver. Refer to your Audio amplifier owners manual.
Black & White picture	• Damaged S connector (bent pin)
The playback picture Has occasional distortion	• A small amount of picture distortion may appear because of a poor quality video/sound transfer to disc. This is especially true of some discs Manufactured between 1997-1998. • Scratched disc
Brightness is unstable or noises are produced on playback pictures	• Connect the DVD player directly through the TV and not through any other source. What you're viewing is the effect of the copy protection circuitry Required on all DVD players. • If you don't have a video input on your TV, you must purchase an Therefore Adapter from your dealer.
The DVD video player does not start playback	• Place the disc with the graphics side up. • Place the disc on the disc tray correctly inside the guide. • Make sure the disc is free from scratches & fingerprints. • Press the SETUP button to turn off the menu screen. • Cancel the parental lock function or change the parental lock level. (The Pre-set password is 3308.) • Turn the power off then disconnect the power plug and reinsert it back into the wall. Retry again. • Use region 1 discs only.
MP3 won't read disc or It skips	• Return disc as the software edition used may not be compatible with the player. Check web site for instruction. • Use new editions of software such as Voyetra Audiostation 4, Adaptec's Easy CD Creator, NTI or Roxio's Toast Titanium. • Make sure MP3 file are not encoded with a variable bit rate such as provided by Real Networks.
The remote control does not work Properly	• Replace the batteries with new ones.
The recorder cannot record.	• The type of the disc is wrong, it's not a DVD+RW or DVD+R disc. • The disc is recorded full. • The disc (DVD+R, DVD+RW) is locked, it should be unlocked. • The DVD+R has been finilized.
Some keys do not work	• The type of the disc is wrong, it's not a DVD+RW or DVD+R disc. • The unit is in record mode or it is recording.
The image is distorted.	• The setup of interlaced or Progressive is wrong. • Press the I/P button to switch from each other.

Specifications

DVD Player

TV System	NTSC/PAL
Compatible Discs	DVD+R, DVD, CD, Mp3, DVD+RW,CD-R, CD-RW
Recordable discs format	DVD+RW, DVR+R
Resolution Ratio	Greater Than 500 lines
Video S/N Ratio	65dB
Frequency Response	fs (96KHz/24bit) 4Hz - 44KHz:+/-2dB
Audio S/N Ratio	95dB
Degree of Distortion	<0.01%
D/A Converter	192KHz/24bit
Video Out	1Vp-p
S-Video Out	Y: 1Vp-p(75Ω) C: 0.3Vp-p(75Ω);
Audio Out	2.0V 5.1 Channel,2Channel mixed
Digital Audio Output	Optical, Coaxial
Connections	YUV, SCART, CVBS USB, DV, S-Video

Remote Control

Transmitter	Infrared Ray
Signal Range	Approximately 15'
Power Source	2 "AAA" Batteries

General

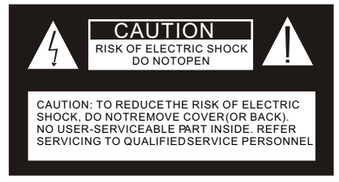
Power Supply	AC 230V 50Hz
Consumed Power	35W
Standby Power	<3W
Size (WxHxD)	430 x48x 308 mm

Because its products are subject to continuous improvement, We reserves the right to modify product design and/or specifications without notice and without incurring any obligations.

Safety Precautions

The lightning flash with an arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOTOPEN
CAUTION: TO REDUCETHE RISK OF ELECTRIC SHOCK, DO NOTREMOVE COVER(OR BACK).
NO USER-SERVICEABLE PART INSIDE. REFER SERVICING TO QUALIFIEDSERVICE PERSONNEL

WARNING: **DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE, DUE TO THE HIGH RISK OF FIRE OR ELECTRIC SHOCK, DO NOT OPEN THE CABINET DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. ONLY QUALIFIED SERVICE PERSONNEL SHOULD ATTEMPT THIS.**

CAUTION: **TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, AND FULLY INSERT.**

CAUTION: This Digital Video Player employs a Laser System. To prevent direct exposure to the laser beam, do not try to open the Enclosure Visible laser radiation emits when open and interlocks are defeated. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
DO NOT STARE INTO BEAM.

To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location. Only qualified service personnel should remove the cover.

CE

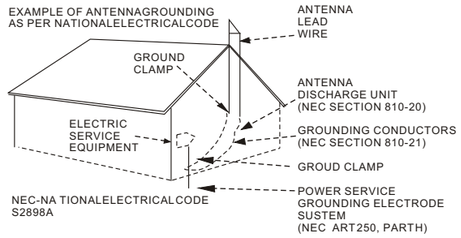
Since it is very usual for DVD movies to be released at different times in different regions of the world, all players have region codes and disks can have an optional region code. If you load a disk of a different region code to your player, you will see the region code node notice on the screen. The disk will not play, and should be unloaded.

Safety Information

CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
Please carefully study this manual and always keep it available. There are, however, some installation and operation precautions which You should be aware of.
1.Read Instructions - All the safety and operating instructions should be read before the product is operated.
2.Retain Instructions - The safety and operating instructions should be retained for future reference.
3.Heed Warnings - All warnings on the product and in the operating instructions should be adhered to.
4.Follow Instructions - All operating and use instructions should be followed.
5.Cleaning - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6.Attachments - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7.Water and Moisture - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
8.Accessories - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer s instructions, and should use a mounting accessory recommended by the manufacturer.
9.A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
1 0. Ventilation - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the m a n u f a c t u r e r s instructions have been adhered to.
11.Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

12.Grounding or Polarization This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way, This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
Alternate Warnings This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature, If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
13.Power-Cord Protection Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
14.Protective Attachment Plug The product is equipped with an attachment plug having overload protection. This is a safety feature. See instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.

FIGURE A


EXAMPLE OF ANTENNAGROUNDING AS PER NATIONALELECTRICALCODE
ANTENNA LEAD WIRE
GROUND CLAMP
ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)
ELECTRIC SERVICE EQUIPMENT
GROUNDING CONDUCTORS (NEC SECTION 810-21)
GROUD CLAMP
POWER SERVICE GROUNDING ELECTRODE SUSTEM (NEC ART250, PARTH)
NEC-NA TIONALELECTRICAL CODE S2898A

15.Outdoor Antenna Grounding - If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size or grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.
16.Lightning - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and powerline surges.
17.Power Lines - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
1 8.Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
19.Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
20.Servicing - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
2 1.Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
a. When the power-supply cord or plug is damaged.
b. If liquid has been spilled, or objects have fallen into the product.
c. If the product has been exposed to rain or water.
d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
e. If the product has been dropped or damaged in any way, and
f. When the product exhibits a distinct change in performance - this indicates a need for service.
22.Replacement Parts - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same charateristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
23.Safety Check - Upon completion of any service or repairs to this product, ask the service technician to perform saftey checks to determine that the product is in proper operating condition.
24.Wall or Ceiling Mounting - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
25. Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.

Editing

EDITING A DISC OF A DVD+RW

1.Insert a DVD+RW on the disc tray.

2.Press the DISC OPER button to access the disc editing menu.

3. With each icon highlighted by pressing the UP/DOWN button, the corresponding description of each operation will display on the screen, such as Erase disc, Rename disc, Record a new title, Overwrite disc, etc.

4. Press the SELECT button to run the operation.

DVD+RW Display

Play
Erase disc
Rename disc
Record a new title
Overwrite disc
Lock disc

DVD+R Display

Play
Rename disc
Finalize disc
Record a new title

EDITING A DISC OF A DVD+RW OR DVD+R

Play

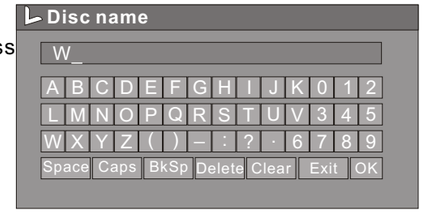
Press the SELECT button to playback from the disc.

Erase disc

ERASE (only DVD+RW)
Press the SELECT button to begin erasing.

Rename disc

Press the direction keys (UP/DOWN/RIGHT/LEFT) to highlight the one which you want to input, and press the SELECT button to confirm it.
The control bars of the last line in the keyboard is for edit command. Select OK to save the name.
Note:
The maximum length of the title name is up to 9 characters.



Lock disc

LOCK(only DVD+RW)
When the icon display LOCK, it shows you can lock your current disc. If you have locked Your disc, you can't make any changes any more except play it back, but you can unlock it by UNLOCK.

Record a new title

Press the UP/DOWN button to highlight the: Record a new title icon, then press the SELECT button, the recorder will change to TV state.

Finalize disc

Finalize(only DVD+R)
Highlight the icon and press the SELECT button. It will take a few minutes to finalize the disc.
Note:
If a DVD+R has been finalized, you can not record or edit DVD+R any more. If you want to make your disc compatible with the other DVD player, you should go on FINALIZE operation.

Editing

TITLE ICON AND SPLIT TITLE

From the control bar, select the sixth icon, press the SELECT button .

When you want to set the current frame as the icon of the current title which miniature picture will appear in the Index Picture Screen, Press the SELECT button with

displayed.

From the control bar, select the seventh icon, press the SELECT button .
When

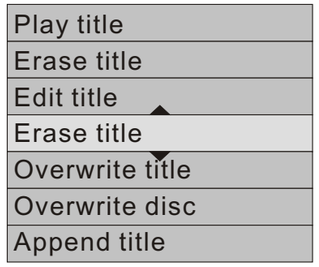
is selected by pressing the SELECT button, a new title marker will be added to the current point.

EDIT TITLE NAME

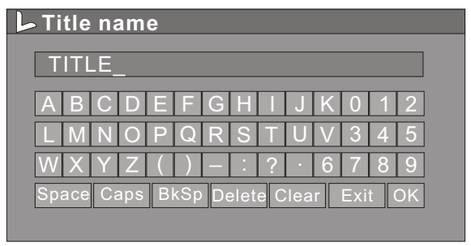
1.Insert a recorded DVD+RW on the disc tray.
The Index Picture screen pops up.

2.Use the direction keys to highlight the title which you want to edit.

3.Press the RIGHT button, the edit bar appears on the screen while playing back.
Press UP/DOWN to highlight one icon and SELECT it.



4.**From the control bar, select the fourth icon, press the SELECT button .**
On the screen, there appears a keyboard:



Press the direction keys (UP/DOWN/RIGHT/LEFT) to highlight the one which you want to input, and press the SELECT button to confirm it.
The control bars of the last line in the keyboard is editing command.
Select OK to save the name.

Note:
The maximum length of the title name is up to 9 characters.

Introduction

Your DVR-625 Design combines the function alities of a DVD player and recorder. As a DVD player, you will be able to enjoy full length movies with true cinema picture quality, and stereo or multichannel sound (depending on the disc and your playback system). Unique features of this player include Scart & S-video outputs for greater picture clarity.

What s more, as a DVD Video Recorder, it has some of the key features that allow you to record programs conveniently such as:
A complete DVD+RW/DVD+R recorder.
Preset recording
Playback of pre-recorded or user-recorded DVDs and CDs
View, edit and play from a pre-recorded DVD+RW.

UNPACKING

When shipping the player, the original shipping carton and packing comes in handy. For maximum protection, re-pack the unit as it was originally packed at the factory. It is normal for your changer tray to partially open after you have unpacked the unit. This is a feature designed to allow easier access to disc inside the tray during diagnostics.

First check and identify the contents of your player package, as listed below:
- DVR-625
- Remote control
- RCA cables (3) x2 (1 yellow, 1 red, and 1 white)
- Owner s manual

If any item should be damaged or missing, please inform your supplier without delay.
Keep the packaging materials as you may need them to transport your player in the future.

WHERE TO PLACE YOUR DVD RECORDER

1. Place the unit on a firm, flat surface.
2. When you place this player near a radio or VCR the playback picture may become poor and/or distorted. In this situation, move the DVD video player away from the other units.
3. Keep away from direct sunlight & domestic heating equipment.
4. If placed in a cabinet, please allow at least 2.5 cm (1 inch) of free space around the player for proper ventilation.

TO OBTAIN A CLEAR PICTURE

This player is a high-tech, precision device. If the optical pick-up lens and disc drive parts are dirty or worn down, the picture quality will become poor. To obtain a clear picture, we recommend regular inspection and maintenance (i.e. cleaning or parts replacement) every 1,000 hours of use depending on the operating Environment. For details, please contact your nearest dealer.

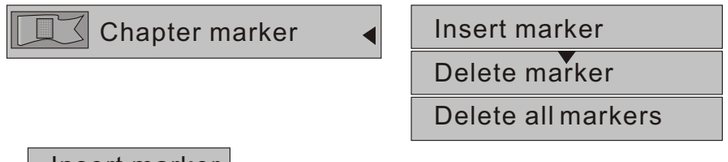
Table of Contents

Safety Precautions 1
Safety Information 2
Introduction 3
Table of Contents 4
Front panel 5
Rear Panel 5
The remote control 6
Connection for audio output 8
Connection for video output 9
Connection for DV signal(DV rear input) 10
Connection for av signal(a/v front input) 11
Connection for USB port 11
Playing a Normal Disc 12
Playing a DVD+RW or DVD+R Disc 12
Navigation function 13
General Features 14
Locating a title using the title menu 15
Locating a specific chapter or track 15
Locating a title 16
How to repeat a title, chapter, or track 17
How to repeat a specific segment 17
Playing titles in random order 18
How to change the camera angle 19
How to select a language & Playback audio setting 19
How to set titles, chapters, or tracks in a favorite order 20
How to display subtitles 21
How to play the U-DISC 21
How to play the digital vidicon 21
Checking the operational status 22
Using the volume or mute function 22
Setting the parental lock 23
To change your password 23
Displaying the setup menu screen 24
Channel search 25
Setup record quality 25
Normal recording 26
One-touch record 26
How to switch to playback mode 26
Clock setup 26
Timer record 27
Editing title of DVD+RW 28
Chapter editing 29
Chapter hide unhide 29
Title icon and split title 30
Edit title name 30
Editing a disc of a DVD+RW 31
Editing a disc of a DVD+RW or DVD+R 31
Specifications 32
Trouble Shooting Guide 33

Editing

CHAPTER EDITING

From the control bar, select the fourth icon, press the SELECT button repeatedly. It will cycle as follows:



When Insert marker **is selected by pressing the SELECT button, a new chapter marker will be added to the current point.**

When Delete marker **is selected by pressing the SELECT button, the marker of the current chapter will be deleted.**

When Delete all markers **is selected by pressing the SELECT button, all of the chapter markers will be deleted.**

Note:
From the second icon in the control bar, the above operation can be viewed.
If only one chapter is available in the current title, there is only Insert marker to select.

CHAPTER HIDE OR UNHIDE

From the control bar, select the fifth icon, press the SELECT button.

When the icon displays

, it shows the current chapter is visible, and you can select it to hide it by pressing the SELECT button.

When the icon displays

, it shows the current chapter is invisible, and you can select it to unhide it by pressing the SELECT button.

Editing

EDITING A TITLE OF DVD+RW

1.Insert a recorded DVD+RW on the disc tray.
The Index Picture screen pops up.

2.Use the direction keys to highlight the title which you want to edit.

3.Press the EDIT button, the edit bar appears on the screen while playing back.
Press the RIGHT/LEFT button to highlight one icon and enter it, press the UP/DOWN button to select a sub-item.

View current title/total title

View current chapter/total chapter

Current operation status

Chapter editing Select to add one chapter, or delete the current/all chapters, details see the next page.

Chapter hide or unhide Select to hide the current chapter,, details see the next page

Title face or Title name Select to set the current image played back to the face of the title or select to name the current title, details see the next page.

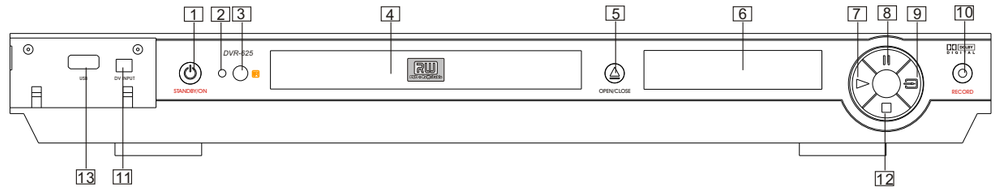
Divide current to 2 titles at current point

Title Timer

4.Press the EDIT button again to quit the menu.

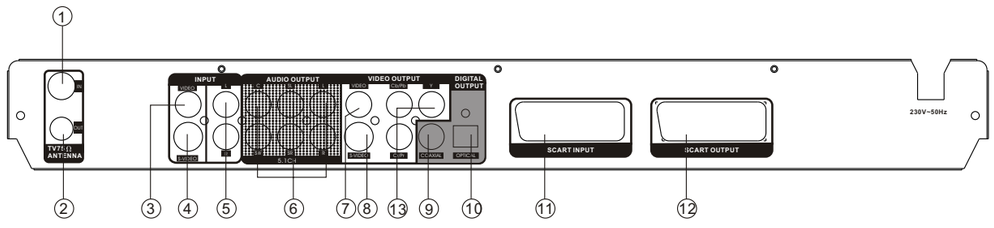
Identification of Controls

FRONT PANEL



1.STANDBY/ON BUTTON
2.STANDBY LED
3.IR(REMOTE SENSOR)
4.DVD DOOR
5.OPEN/CLOSE BUTTON
6. VFD DISPLAY
7.PLAY BUTTON
8. PAUSE BUTTON
9.SOURCE BUTTON
10.RECORD BUTTON
11.DIGITAL VIDICON INPUT
12.STOP BUTTON
13.USB PORT

REAR PANEL

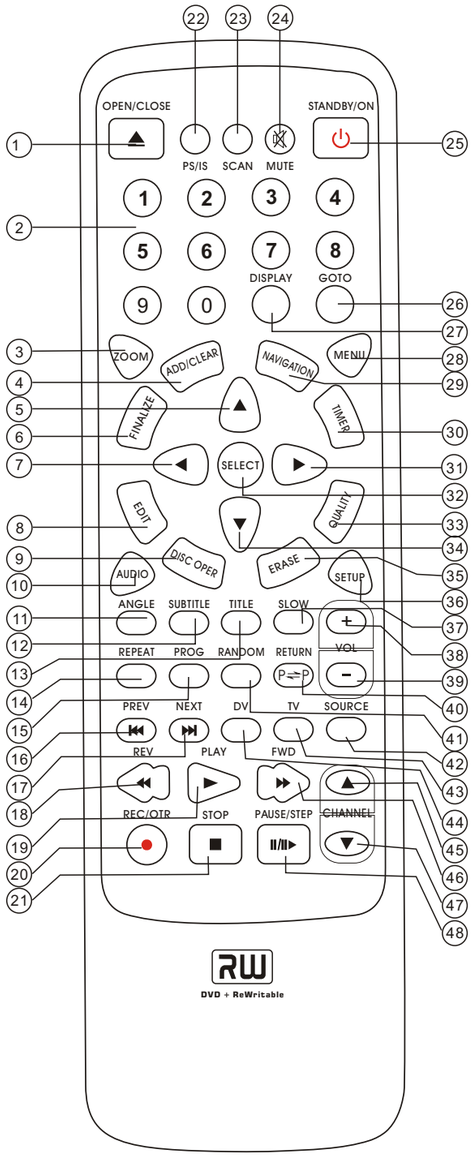


1. RF SIGNAL INPUT
2. RF SIGNAL OUTPUT
3. COMPOSITE VIDEO INPUT(REAR)
4.S-VIDEO INPUT
5. AUDIO INPUT (REAR LEFT/RIGHT)
6. 5.1CH AUDIO OUTPUT
(L, R, SL, SR, C, SW)
7. COMPOSITE VIDEO OUTPUT
8. S-VI DEO OUTPUT(REAR)
9. DIGITAL AUDIO-COAXIAL OUTPUT
10. DIGITAL AUDIO- OPTICAL OUTPUT
11. SCART INPUT
12. SCART OUTPUT
13.COMPONENT VIDEOS OUTPUT
(Y, Cr/Pr, Cb/Pb)

THE REMOTE CONTROLLER

REMOTE CONTROL

THE INSTRUCTIONS BELOW DESCRIBE THE FUNCTIONS OF THE REMOTE CONTROL



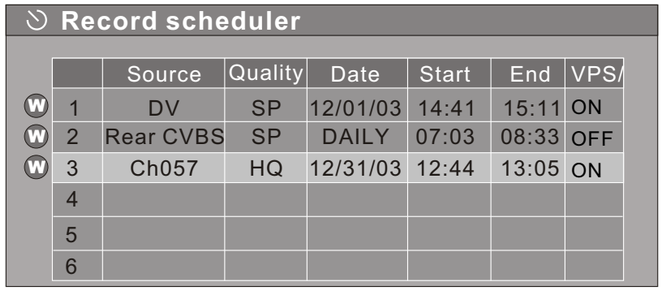
1. OPEN/CLOSE
2. NUMBERS(0-9)
3. ZOOM
4. ADD/CLEAR
5. DIRECTION(UP)
6. FINALIZE
7. DIRECTION(LEFT)
8. EDIT
9. DISC OPER
10. AUDIO
11. ANGLE
12. SUBTITLE
13. TITLE
14. REPEAT
15. PROG
16. PREV
17. NEXT
18. REV
19. PLAY
20. REC/OTR
21. STOP
22. PS/IS
23. SCAN
24. MUTE
25. STANDBY/0N
26. GOTO
27. DISPLAY
28. MENU
29. NAVIGATION
30. TIMER
31. DIRECTION(RIGHT)
32. SELECT
33. QUALITY
34. DIRECTION(DOWN)
35. ERASE
36. SETUP
37. SLOW
38. VOL(+)
39. VOL(-)
40. RETURN(P⇌P)
41. RANDOM
42. SOURCE
43. TV
44. DV
45. CHANNEL(UP)
46. FWD
47. CHANNEL(DOWN)
48. PAUSE/STEP

Recording Options

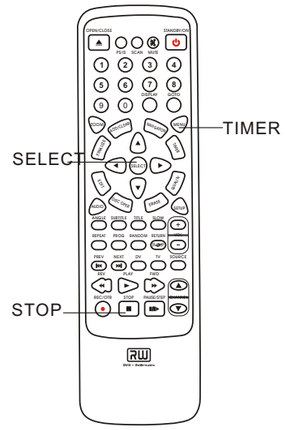
TIMER RECORD

1.First setup the clock of your system as □CLOCK SETUP□ on page 26.
It is recommended to setup your local date and time.

2.Press the TIMER button, the record scheduler will pop up.



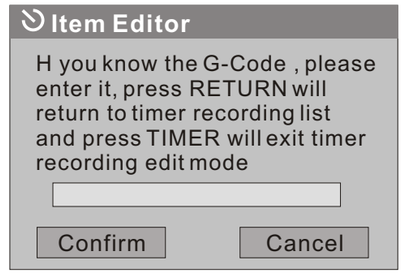
		Source	Quality	Date	Start	End	VPS/
W	1	DV	SP	12/01/03	14:41	15:11	ON
W	2	Rear CVBS	SP	DAILY	07:03	08:33	OFF
W	3	Ch057	HQ	12/31/03	12:44	13:05	ON
	4						
	5						
	6						

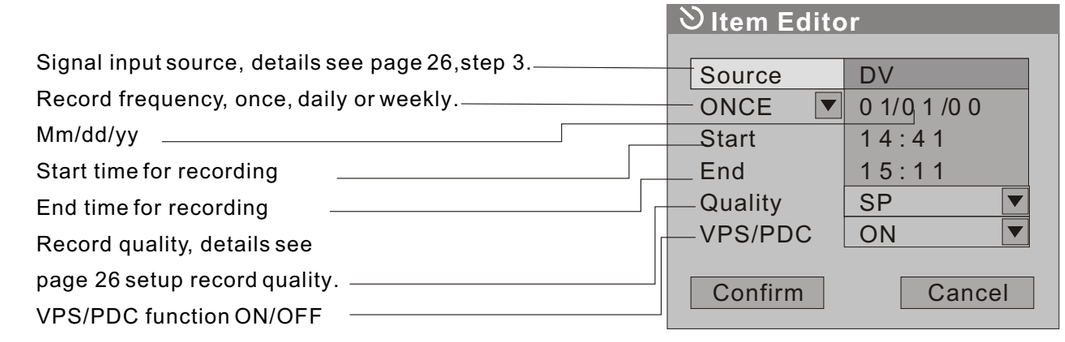


Note:
- If you want to delete a schedule, highlight the one, press the ADD/CLEAR button.

3.Use the UP/DOWN button to select one schedule, and press the SELECT button to access Item Editor as below:
In each item you can also use direction keys to highlight and press the SELECT button to choose your setting:

4. Press the UP button to highlight the code icon and input the G-Code number, then press the select button and the confirm icon will highlight, press the select button to confirm.


Item Editor
H you know the G-Code , please enter it, press RETURN will return to timer recording list and press TIMER will exit timer recording edit mode
Confirm
Cancel



3.Highlight the item and press the SELECT button to Confirm to save your setting.
4.In five minutes before it is ready to record the scheduled, it appears a Record Prompt dialog, affirm select Confirm, abolish select CANCEL, and if without operation for a moment it will record the scheduled automatically.

Note:
- In standby mode, your recorder can wake up in 2 minutes before recording.
- During recording, you can press the STOP button to suspend the recording.
- A DVD+RW/DVD+R can record for MAX up to 360 minutes.

Recording Options

NORMAL RECORDING

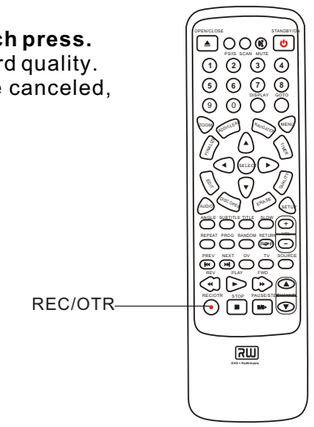
1. Make connections illustrated as page8 -11.
2. Insert a recordable DVD+RW or DVD+R into the recorder.
3. Press the DV. TV or SOURCE button to select the input source which you have connected as step 1.
R-CVBS: Rear Audio/Video Input (on the rear panel)
SCART: Rear SCART input (on the rear panel).
R-SV: Rear S-Video (on the rear panel)
TV: (you can select it by pressing CHANNEL+/- or input the assigned number of the channel to select your desired one directly)
DV: Digital vidicon
4. Press the REC/OTR button to start recording.
If you want to stop recording, press STOP.
If the DVD+RW or DVD+R is new, it will take about three minutes to stop.

ONE-TOUCH RECORD

1. During normal recording, press the REC/OTR button, the recorder will automatically stop in 30 minutes.

2. The recording time will extend for another 30 minutes with each press.
The length of recording time is determined by disc capacity and record quality.
With your setting, if it will exceed the capacity of the disc, OTR will be canceled, and switched to normal record.

3. If you want to stop recording, press the STOP button.



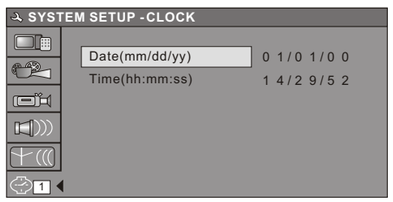
HOW TO SWITCH TO PLAYBACK MODE

When the recording have finished, you can press the PLAY button to switch to normal playback mode.

CLOCK SETUP

1. During stop status, press the SETUP button to access the Setup Menu.

2. Use RIGHT/LEFT to highlight the CLOCK icon as the right figure.

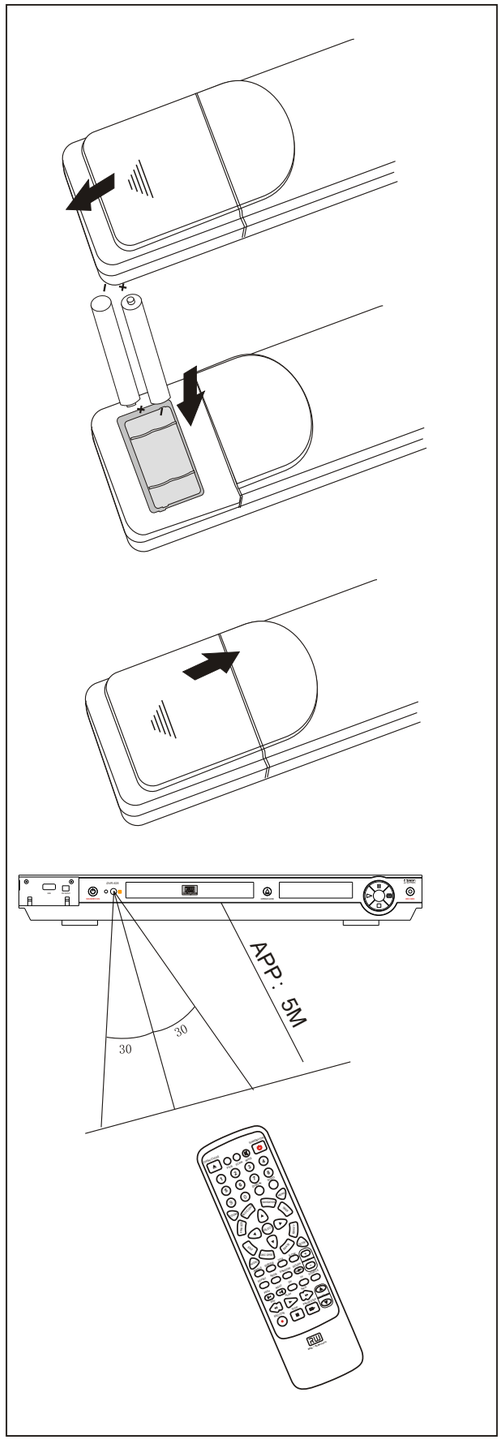


3. With Date (mm/dd/yy) highlighted, press the SELECT button, and input the local date by numbers, press the SELECT button again.

4. With Time (hh:mm:ss) highlighted, press the SELECT button, and input the local time of numbers, press the SELECT button again.

Note:
If you want to cancel, press the RETURN button.

THE REMOTE CONTROLLER



Battery Installation

1. Push downward and outward the leaf spring to remove the battery compartment cover.
2. Insert two size AA batteries according to the "+" and "-" markings.
3. Make sure the batteries have been properly installed, then close the battery compartment cover.

Notes:

Do not mix different types together, or old batteries with new batteries.

While the remote controller will not be used for an extended period of time, remove the batteries to prevent possible corrosion.

To prevent corrosion resulting in damage, remove exhausted batteries immediately. Where the remote controller doesn't appear to operate normally, replace both of the batteries.

Typical life for the batteries provided with this product is about 6 months. The life expectance may vary according to the use status.

Use of the remote controller

Point the remote controller toward the remote sensor on your DVD home theater center. Upon receipt of the signal from the remote controller, the equipment will operate accordingly.

The description in this Manual is based on the buttons on the equipment. You may use the counterparts on the remote controller to do the same.

Notes:

Do not place this equipment in a place exposed to direct sunlight or strong light source like inverting fluorescent light, or else it may interfere with correct operation of the remote controller.

When other similar remote controller is used in the same room, or when this product is used near other equipment using infrared ray, interference with the operation of this remote controller may occur.

Do not place any object on the remote controller, or else it may cause unintentional depression of the buttons and waste the batteries unnecessarily.

The front of the chassis should not be glazed with color glass, or else it may cause interference with normal operation of the remote controller.

Any barrier between the remote controller and remote sensor will inactivate any operation of the remote controller.

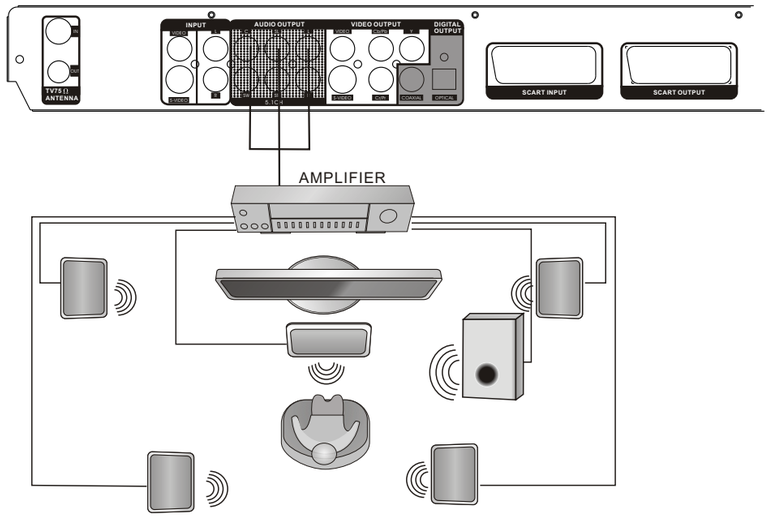
The operating range between the remote controller and the equipment shall be no more than 5 meters (16 inches). When the operating range becomes shorter, replace the batteries with new ones.

Connection

CONNECTION FOR AUDIO OUTPUT

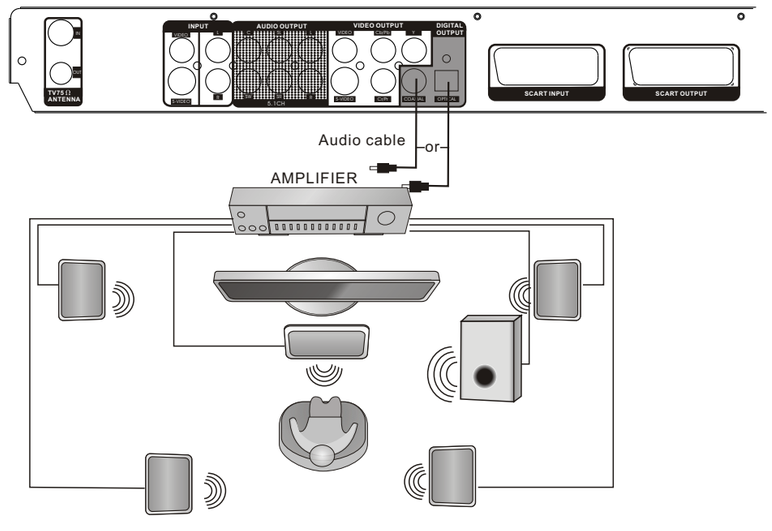
Dolby Analog Prologic Surround Sound (GOOD)

Enjoy Dolby Pro Logic Surround by RCA CABEL connecting(FL, FR, SR, SR, C, SW) to an amplifier and speaker system (right and left front speakers, a center speaker, and one subwoofer speaker, and two rear speakers).



Enjoying Prologic Surround Sound (BETTER)

Enjoy the dynamic sound of Digital Prologic Surround by connecting (COAXIAL or OPTICAL) to an amplifier equipped with a digital audio input and speaker system (right and left front speakers, a center speaker, and one subwoofer speaker, and two rear speakers)



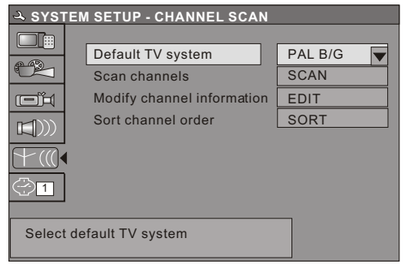
Recording Options

CHANNEL SEARCH

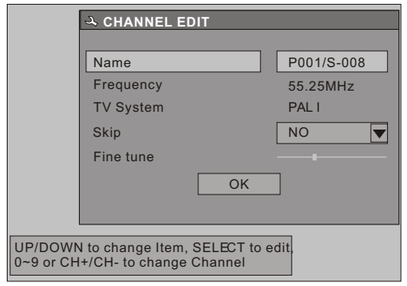
To record TV programs, you should search TV channels first.

1. Press the SCAN button to access the CHANNEL SCAN menu.

*2. Use the UP/DOWN button to highlight SCAN and p*ress the SELECT button.
It will search channels automatically.
During auto-searching, press the STOP button to cancel searching.



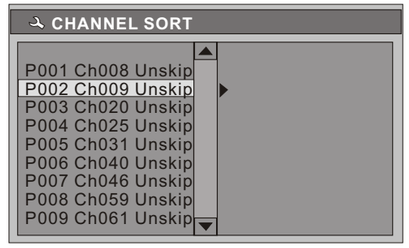
3. To browse the found channels, use the UP/DOWN button to highlight EDIT and press the SELECT button to setup it, press the UP/DOWN button to name, and you can also input numbers, then press the SELECT button to confirm it.
In the SKIP column, The channel cannot be found will be YES .



4. If you want to skip one channel, select the corresponding channel. use the UP/DOWN button to highlight the skip and press the SELECT button, press the UP/DOWN button to highlight the yes, and press the SELECT button.

5.use the UP/DOWN button to highlight the OK and press the SELECT button.

6. If you want to sort the programs channel of order, you can press the UP/DOWN button to highlight the " sort channel order" icon, then press the SELECT button, select the channel by pressing the UP/DOWN button, in the CHANNEL SORT MENU. If you want to sort which channel (such as"P002"), press the SELECT or Right button, " P002 Ch009 Unshkip" will skip to right column, press the UP/DOWN button to skip to you want location, press the SELECT button.



7. Press the RETURN button to retrun main MENU.

8. Press the SETUP button again to exit.

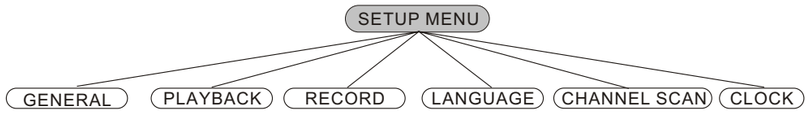
SETUP RECORD QUALITY

1. Press the SETUP button during stop status.
2. Press the direction keys (UP/DOWN/RIGHT/LEFT) to select.
3. Select default quality.

HQ: Perfect quality, nearly 60 minutes in a blank disc
SP: Standard play quality, nearly 120 minutes in a blank disc
EP: Extend play, nearly 240 minutes in a blank disc
SLP: Standard long play, nearly 360 minutes in a blank disc

Customizing Function Settings

THIS PLAYER ALLOWS YOU TO CUSTOMIZE THE PERFORMANCE TO YOUR PERSONAL PREFERENCES.



DISPLAYING THE SETUP MENU SCREEN

The SETUP MENU screen asks you to select a setting category from General, Speaker, Audio and Preferences. The selected category will provide you the setting details using the succeeding screen.

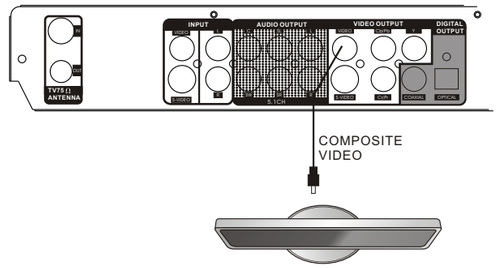
Main Page		
GENERAL	**General Setup**	
	Screen Saver	On/Off
	Progressive/Interlace	Interlace/Progressive
	Video out	YUV/RGB/CVBS
	COUNTRY	United kingd/Germany/France/Ireland
	Video output format	PAL/NTSC
	Restore factory settings	OK
PLAYBACK	**Playback Setup**	
	TV aspect ratio	16:9/Pan Scan/Letter box
	Rating level	Off
	Digital audio output	RAW/LPCM
	Analog audio output	2CH/5.1CH
RECORD	**Record Setup**	
	Auto Chapter Marker	On/Off
	Default quality	SLP/EP/SP/HQ
LANGUAGE	**Language Setup**	
	OSD language	English/Spanish/.....
	Menu language	English/Chinese/...../Original
	Subtitle language	Off/English/Chinese/...../Original
	Audio language	English/Chinese/...../Original
CHANNEL SCAN	**Channel Scan Setup**	
	Default TV System	PAL1, D/K, B/G, SECAM D/K, L
	Scan Channels	SCAN
	Modify channel information	EDIT
	Sort channel order	SORT
CLOCK	**Date& Time Setup**	
	Date(mm/dd/yy)	01/01/00
	Time(hh:mm:ss)	01:15:01

1. Press the SETUP button during stop status.
2. Press the direction keys (UP/DOWN/RIGHT/LEFT) to select category (highlight), then press the SELECT button.
3. Press the SETUP button to exit the setup menu.

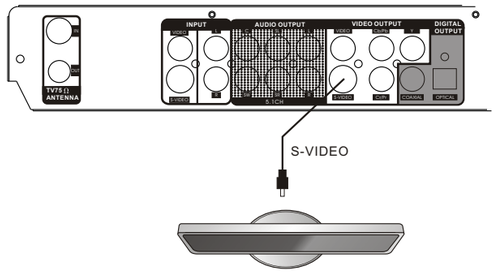
Connection

CONNECTION FOR VIDEO OUTPUT

GOOD



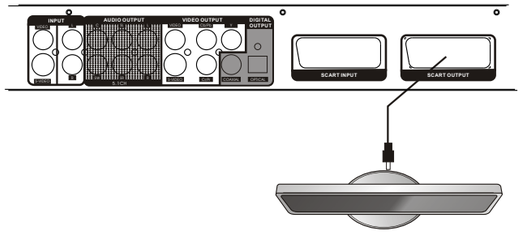
BETTER



Connect your recorder with the S-Video cable, if the TV has an S-Video input. Do not connect the yellow video cable of using the S-Video cable.

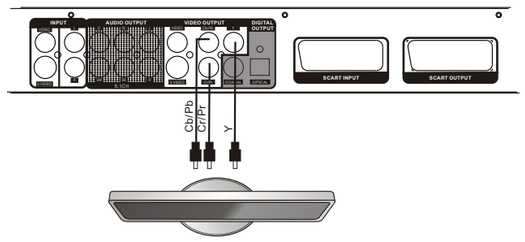
SCART RGB VIDEO OUTPUT (BEST)

The SCART Video OUTPUT allows you to enjoy the best picture quality from a DVD video disc.

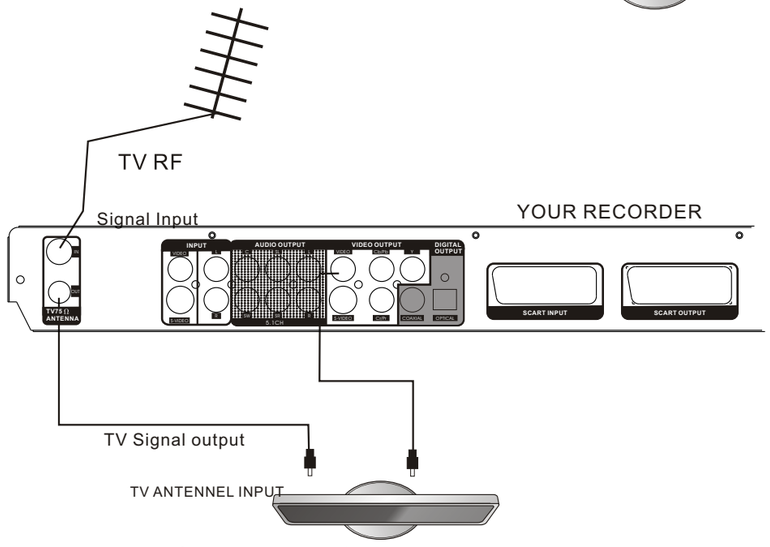


RGB VIDEO OUTPUT(BEST)

The RGB VIDEO output allows you to enjoy the best picture quality from a DVD video disc. (NOTE: If use SCART VIDEO output, This RGB VIDEO output may been not use.)



CONNECTION FOR TV TUNER



NOTE

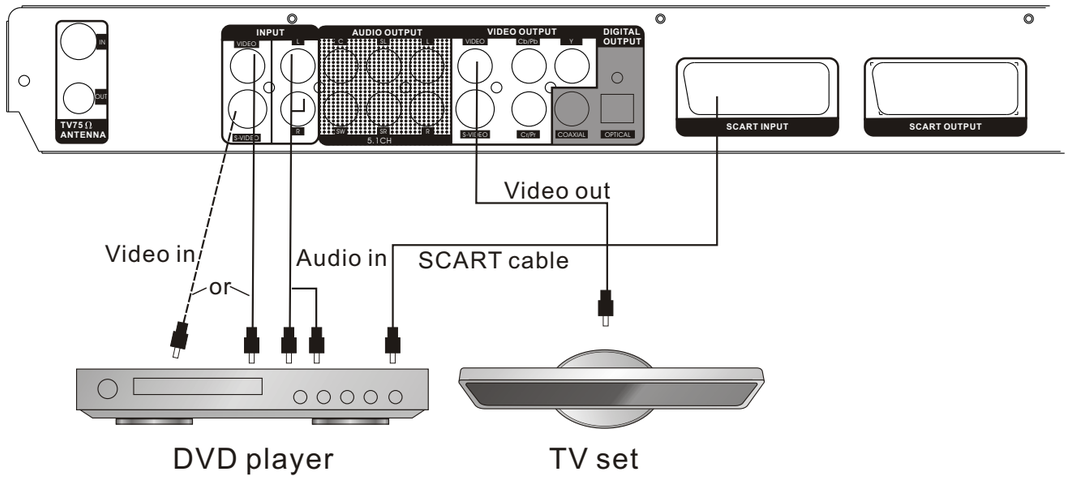
- Refer to the manual of the connected TV.
- Turn off the power and unplug both units before setting up any connections.

Connection

THE RECORDER ALLOWS YOU TO ENJOY OR RECORD PROGRAMS WITH SIGNAL FROM AV SYSTEMS SUCH AS VCR, DVD PLAYER, ETC.

CONNECTION FOR AV SIGNAL (A/V REAR INPUT)

YOUR RECORDER



Connect your recorder with the S-Video cable, if the Signal Source has an S-Video input. Do not connect the yellow video cable if using the S-Video cable.

NOTE

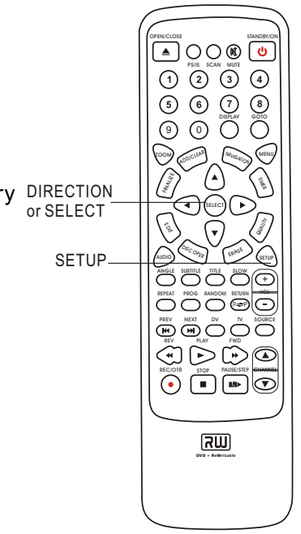
- Refer to the manual of the connected system.
- Turn off the power and unplug both units before setting up any connections.

Setting the Parental Lock

YOU CAN USE THE PARENTAL LOCK FUNCTION ONLY WITH DVD EQUIPPED WITH THE PARENTAL LOCK FEATURE

SETTING THE PARENTAL LOCK

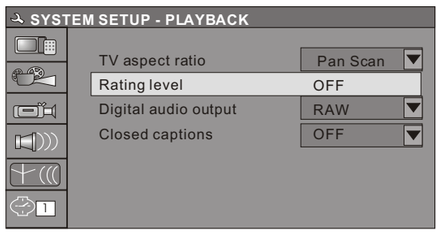
DVD equipped with the Parental Lock function are rated according to their content. The contents allowed by the Parental Lock level will vary from disc to disc. For example, if the disc allows it, you could edit out violent scenes unsuitable for children and replace them with more suitable scenes, or lock out playback of the disc all together.



1. Press the STOP button twice during playback.

2. Press the SETUP button during stop status.

3. Highlight the PLAY icon by pressing the RIGHT/LEFT button.
The menu appears on the TV screen.

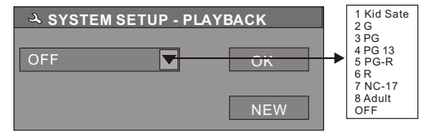


4. Use the UP/DOWN button to select Rating Level, press the SELECT button.

5. Input your password of numbers, highlight OK and press the SELECT button.

The pre-set password is 3308

6. Press SELECT , the sub-menu of Set Rating Level appears, use the UP/DOWN button to select one rating, press the SELECT button to confirm it.

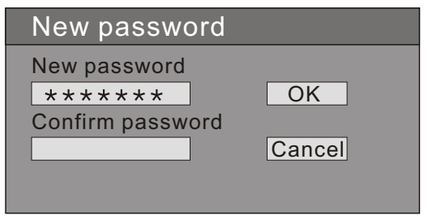


7. Highlight OK and press the SELECT button to save your setting.

8. Press the SETUP button to exit setup, press the PLAY button to start

TO CHANGE YOUR PASSWORD:

1. Follow step 1-6 to select New .
2. Enter new password, then press the DOWN button.
3. Re-enter to confirm your new password.
5. Highlight OK by pressing the RIGHT button and press the SELECT button to save it.
6. Press the SETUP button to exit.



Using the On-Screen Display

THIS RECORDER ALLOWS YOU TO VIEW STATUS AND DISC INFORMATION ON YOUR TV SCREEN.

CHECKING THE OPERATIONAL STATUS

With this function, you can view on your TV the following informations:
-Play back status
- Current title
- Current chapter
-Current language
-Current title Time

Press the DISPLAY button once during DVD playback.

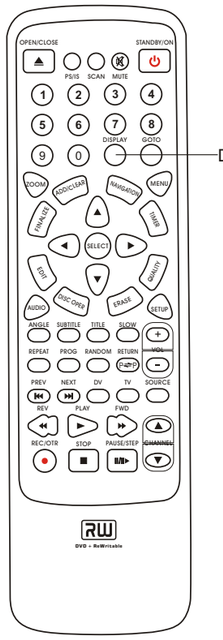
▶Normal Play T01/25 C06/21 AU01/03 00:26:48
→ PLAY BACK STATUS

▶Normal Play T01/25 C06/21 AU01/03 00:26:48
→ CURRENT TITLE/TOTAL TITLE

▶Normal Play T01/25 C06/21 AU01/03 00:26:48
→ CURRENT CHAPTER/TOTAL CHAPTER

▶Normal Play T01/25 C06/21 AU01/03 00:26:48
→ CURRENT LANGUAGE

▶Normal Play T01/25 C06/21 AU01/03 00:26:48
→ CURRENT TITLE TIME

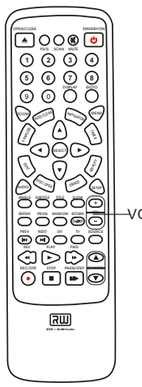


Using the volume or mute function

This recorder allows you adjust the sound level, or mute the sound.

- How to adjust the sound level
  Press the VOL+ or VOL- button to increase or decrease the sound output level, MAX 20 step to adjust.

- How to mute the sound
  Press the mute button to mute the sound.
  Press it again to cancel muting.



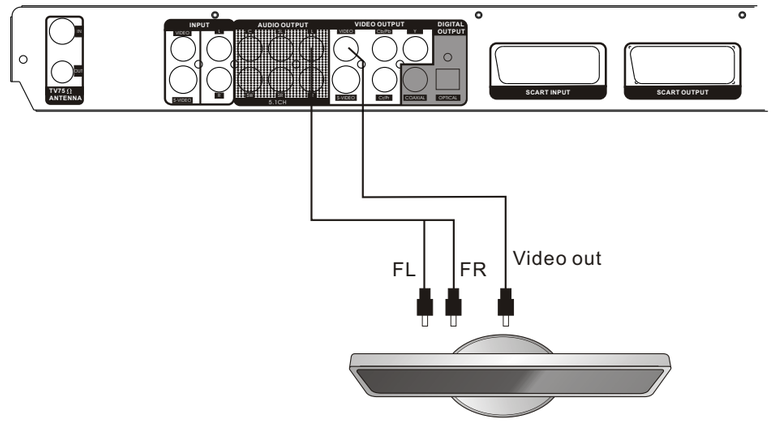
How to zoom in screen of picture

This recorder can zoom in the picture when play DVD DISC
1. Press the ZOOM button once when play a DVD DISC, the screen of picture will zoom in 150%, press twice, zoom in200%, press thrice, return to normal picture.
2. You can move the picture location by pressing the UP/DOWN/LEFT/RIGHT button when the picture is zoomed in.

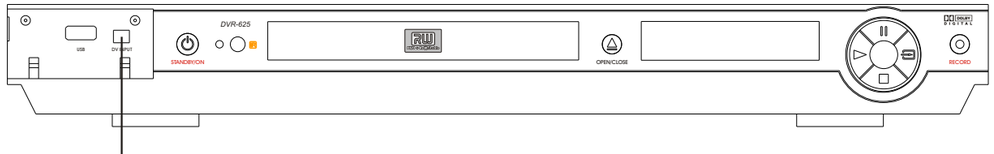
Connection

CONNECTION FOR DV SIGNAL (DV FRONT INPUT)

RECORDER REAR



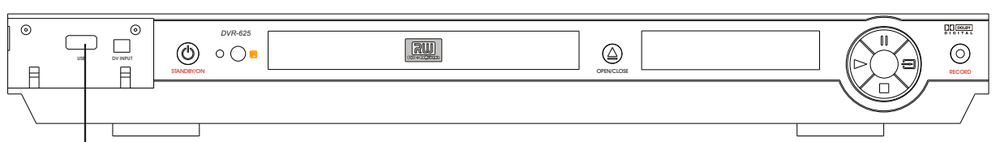
RECORDER FRONT

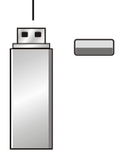


DIGITAL
Vidicon

CONNECTION FOR USB PORT

RECORDER FRONT





The thick side is downward

NOTE
- Refer to the manual of the connected system.
- Turn off the power and unplug both units before setting up any connections.

Play Back a Disc

PLAYING A NORMAL DVD DISC

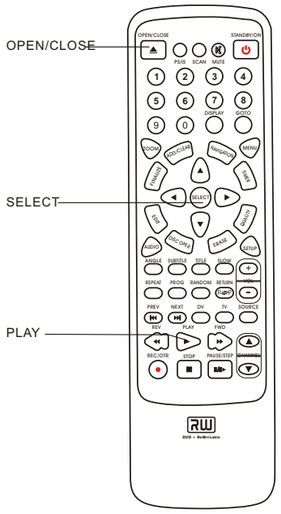
1.Power on your recorder.

2.Insert a DVD disc.

3.Press direction Keys or the number buttons to select the title.

Title1 Title 2

Title3 Title 4



4. Press the SELECT or PLAY button.
The DVD video player will start playback from the title selected.

5. To remove the disc, first press the STOP button twice, press the OPEN/CLOSE button.

PLAYING A DVD+RW OR DVD+R DISC

1.Power on your recorder.(Press the STANDBY/ON button)

2.Press the OPEN/CLOSE button
This will open the disc tray and allow for the placement of a playable disc with the playback side down.

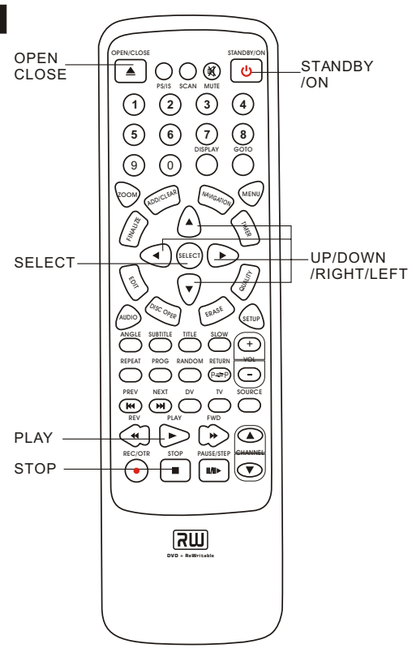
3. Press the OPEN/CLOSE button again
The index pictures will appear on the screen.

4.Use direction keys(UP/DOWN/RIGHT/LEFT) to highlight the title for you desired.

5.Press the SELECT or PLAY button to start playback of the title for you selected.

6.Stop playback
Press the STOP button once to pre-stop the player, press the **PLAY** button to resume playing from the stopping of point.
Press the STOP button twice to STOP.

Note:
After finishing playback all titles contained on a DVD+RW or DVD+R disc, it will return to the Index Picture Screen.

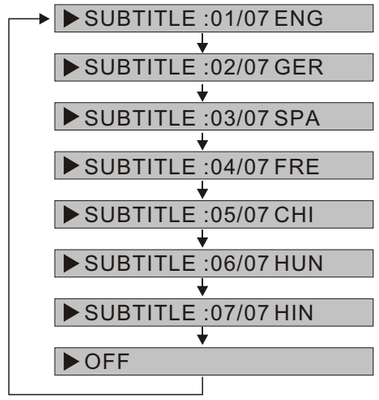


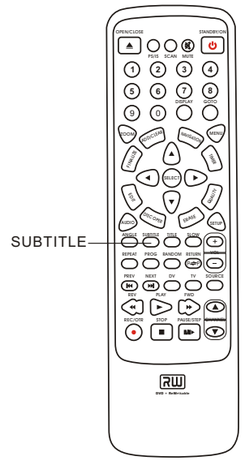
Selecting Subtitles

THIS RECORDER ALLOWS YOU TO DISPLAY THE SUBTITLES FROM THOSE INCLUDED ON THE DISC ON YOUR TV SCREEN.

HOW TO DISPLAY SUBTITLES

Press the SUBTITLE button during playback to choose one of the subtitles available on the disc, or turn the subtitle off.





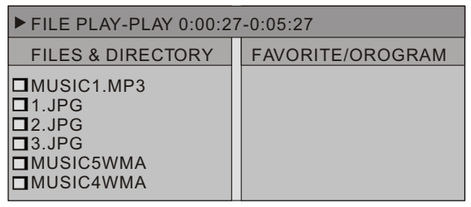
Note:
Due to the nature of some DVD s, you may not be able to turn off the subtitles as they will appear on screen automatically.
As you press the SUBTITLE button, the subtitles may not appear immediately during some scenes.
If the subtitles continue to show on your TV even after the DVD has been turned off, please check the closed caption settings on your TV.

Play by U-DISC & Digital Vidicon

This recorder support USB1.1 interface & IEEE1394 standard.

HOW TO PLAY THE U-DISC

1.Connect the U-DISC to USB port
(Refer: connection for USB port)
2. Press the"DV" button twice.
3. The recorder will read the files from U-DISC, and auto play the first file.(This recorder can support the files, (such as:*.MP3,*.WMA,*.JPG)
4. Select the other file by pressing the UP/DOWN button, then press the SELECT button to play.
5. Press the STOP button, then pull out the U-DISC.



How to play the digital vidicon

1. Connect the Digital vidicon to DV port(Refer"CONNECT for DV signal(DV front input)")
2. Turn on the DV of power.
3. Press the"DV"button once.
4. The recorder will read the files from DV set, and control the DV by the recorder of remoter, such as the PLAY, Forward, REV, PREV, NEXT, STOP, PAUSE/STEP functions.
5. Press the STOP buttons, then turn off the DV of power.
6. Pull out the DV cable.

Playing in a Favorite Order

THIS RECORDER ALLOWS YOU TO PROGRAM UP TO 99 ITEMS INTO MEMORY AND THEN PLAY BACK IN THIS ORDER. (PROGRAM/PLAYBACK)

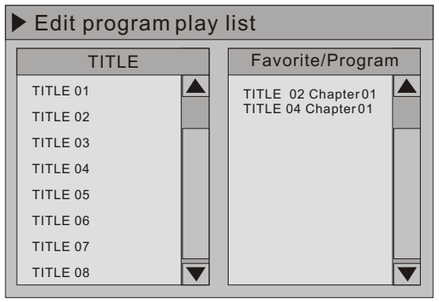
HOW TO SET TITLES, CHAPTERS, OR TRACKS IN A FAVORITE ORDER

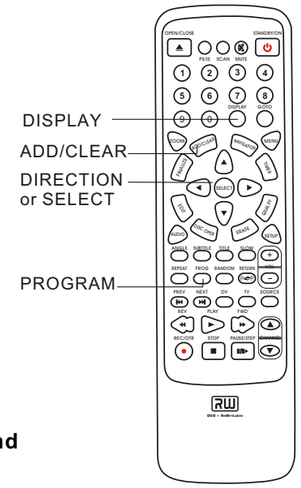
1. Press the DISPLAY button twice to access the control bar, or directly press the PROG button to display the edit program play list.

2. Highlight MODE Normal ◄ **by pressing the RIGHT/LEFT button, press the SELECT button.**

3. Use the UP/DOWN button to select PROGRAM and press the SELECT button, two columns will appear on screen.

The left column displays all titles on the disc.





The right column allows you to edit titles in your favorite order.

2. In the left column, use the UP/DOWN button to select one title, and press the ADD/CLEAR button to add it to the right column.
You can also select one chapter by pressing the SELECT button after highlighting the title.

3. To clear one title you have added in the right column, highlight the one in the right volume and then press the ADD/CLEAR button to clear it. Use the RIGHT/LEFT button to move the cursor between the column.

4. Press the PLAY button to return the program play back.

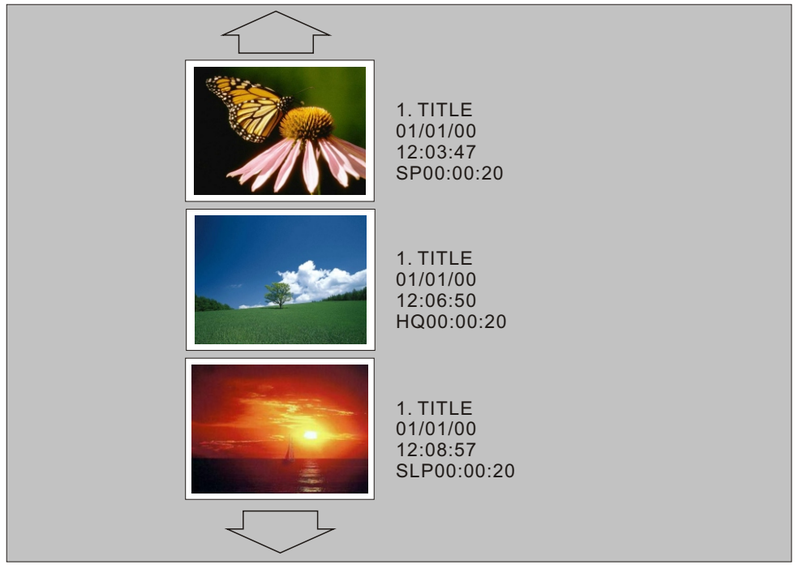
5.Press the DISPLAY button twice to access the control bar
Select MODE Program ► **use UP/DOWN to select NORMAL and press the SELECT button to resume normal playback.**

Note:
On the MP3/CD disc, there are some differences on OSD.

Play Back a Disc

PLAYING A DVD+RW OR DVD+R DISC

Index Picture Screen



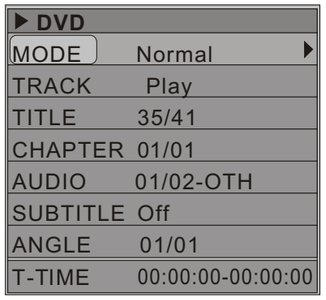
1.—— 1. TITLE
2.—— 01/01/00
3.—— 12:03:47
4.—— SP 00:00:20
5.——

Description:

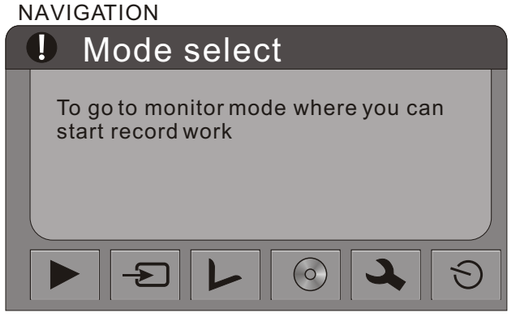
1.The name of the pre-recorded. The default is TITLE.
2.The date and time of the record.
3.Title time of the record.
4.The quality.
5.The time 0f length for the record

NAVIGAATION FONCTION

All playback operation can be realized by the navigation. During playback, press the DISPLAY button twice or the NAVIGATION button once access the control MENU:



NAVIGATION



Play Back a Disc

The details of every functions is as follows:
Press the RIGHT/LEFT button to highlight one icon and press the SELECT button to enter , after pressing the UP/DOWN button to select item, press the SELECT button to confirm it.
Press the DISPLAY button again to cancel the control bar.

MODE Normal ▶

Playback Mode Set your appreciated playback mode such as PROGRAM, RANDOM and various repeat mode.

TRACK Play

Playback control Control playback by various setting such as FAST FORWARD, FAST REVERSE, PAUSE, STOP, etc.

TITLE 35/41

Title Select an available title by inputting numbers.

CHAPTER 01/01

Chapter Select an available chapter by inputting numbers.

AUDIO 01/02-OTH

Audio Select your desired Audio setting, if available.

SUBTITLE Off

Subtitle Select an available Subtitle by inputting numbers.

ANGLE 01/01

Angle Select your desired camera angle, if available.

T-TIME 00:00:00-00:00:00

Timer Goto the point you want to start from by inputting the time.

GENERAL FEATURES

1.Fast forward playback
Repeadedly press the FWD(▶▶)button during normal playback.
The speed will be changed cycle.
Press the **PLAY** button to resume normal playback.

FF2→Ff4→Ff14→FF32
NORMAL PLAY

2.Fast reverse playback
Repeadedly press the REV(◀◀) button during normal playback.
The speed will be changed cycle.
Press the **PLAY** button to resume normal playback.

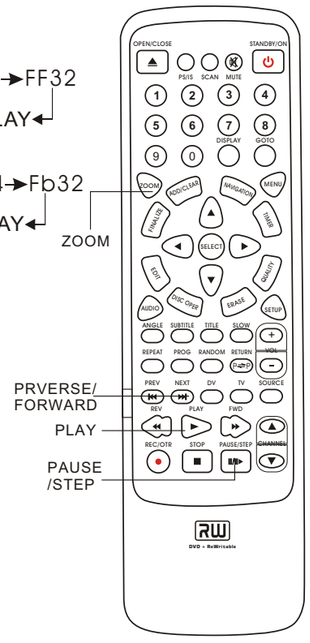
FB2→FB4→FB14→Fb32
NORMAL PLAY

3.Pause playback
Press the **PAUSE/STEP** button during normal playback to pause and press the PLAY button to resume normal playback.

4.Frame advance
Press the **PAUSE/STEP** button twice during normal playback.
One frame is advanced when pressing the **PAUSE/STEP** button.
Press the **PLAY** button to resume normal playback.

5.Slow
Press the **SLOW** button during playback
The playback speed becomes 1/2, 1/4, 1/8 of the normal speed.

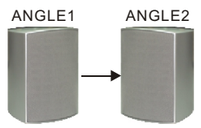
1/2 → 1/4 → 1/8
NORMAL PLAY



Note:
The above features vary depending on the disc type such as MP3, Audio CD, etc.

Selecting Camera Angles, Languages & Audio Settings

THIS RECORDER ALLOWS YOU TO SELECT FROM SEVERAL DIFFERENT ANGLES AND LANGUAGES.

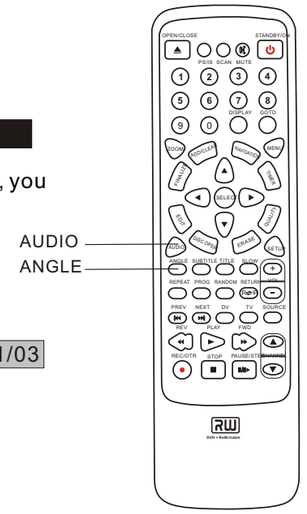


Selecting the camera angle

▶AUDIO :01/03 GER DOLBY
▶AUDIO :02/03 ENG DOLBY
▶AUDIO :03/03 CHI DOLBY
Selecting a language

HOW TO CHANGE THE CAMERA ANGLE

If the DVD disc was recorded with multiple camera angles information , you have the option to change the camera angle of the scene which you are watching.



Press the ANGLE button while playing back a scene recorded with multiple angles.
You may only press the ANGLE button when the angle icon ▶ANGLE :01/03 is shown on the monitor.

Each time you press the ANGLE button, the angle will be changed.

▶ANGLE :01/03
▶ANGLE :02/03
▶ANGLE :03/03

Note:
The angle function will not work on the DVD video discs that do not contain multiple angles information.
During still playback, you are able to change the camera angle. When you resume to normal playback, the camera angle will change to the new setting.
The angle icon indicator will illuminate while playing back a title that contains at least one scene recorded from multiple angles.

HOW TO SELECT A LANGUAGE & PLAYBACK AUDIO SETTING

This RECORDER allows you to select a preferred language and sound recording system from the DVD video disc.

1. **Press the AUDIO button during playback**
2. **Press the AUDIO button repeatedly to cycle through the options**

▶AUDIO :01/03 GER DOLBY
▶AUDIO :02/03 ENG DOLBY
▶AUDIO :03/03 CHI DOLBY

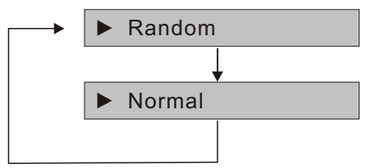
Note:
The RECORDER returns to the initial default settings when you turn on the RECORDER or replace a disc.
The RECORDER plays a default sound when unsupported format is selected.
On the MP3/CD disc, the AUDIO is used for the selection of left, right and stereo.

Playing in Random Order

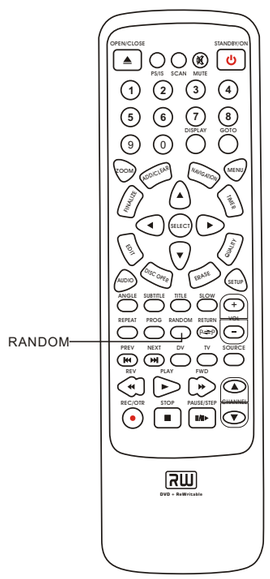
THIS RECORDER ALLOWS YOU TO PLAYBACK TITLES, CHAPTERS WITHIN A TITLE, OR TRACKS IN RANDOM ORDER.

PLAYING TITLES IN RANDOM ORDER

1. During normal playback press the RANDOM button.
The player will start random playback now.



2. Press the RANDOM button again to resume normal playback.

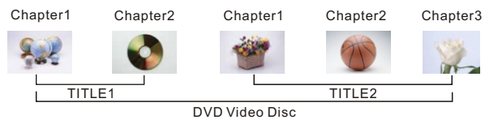


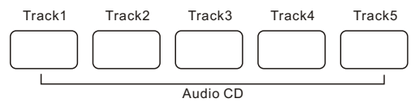
Note:

- The RECORDER will go to another chapter or track and start playback, if you press the SKIP button(⏭ ⏮), during random playback.

Locating a Specific Title, Chapter or Track

DVD VIDEO DISCS ARE NORMALLY DIVIDED INTO TITLES AND SUB-DIVIDED INTO CHAPTERS. SIMILARLY, CD'S(AUDIO,HDCD, and MP3) ARE DIVIDED INTO TRACKS. YOU CAN CONVENIENTLY LOCATE ANY SPECIFIC TITLE, CHAPTER, OR TRACK WITH THIS DVD PLAYER.





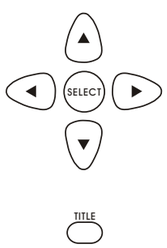
LOCATING A TITLE USING THE TITLE MENU

You can locate a specific title using the title menu function, if a DVD video disc contains a title menu.

1.Press the **TITLE** button
On the TV screen, the title menu will appear.

2.Press the▲/▼/◄/► button to select the title that you want to

3.Press the **SELECT** button
This will cause the DVD video player to start playback from chapter 1of the title selected.



Example of a title menu

NOTICE

- There are some discs that do not respond to this function.
- If different instructions appear on the TV screen, follow those instructions. The instructions above are describe as basic procedure. Procedure may depend on the contents of the disc.

LOCATING A SPECIFIC CHAPTER OR TRACK

This player allows you to locate consecutive chapters or tracks.

Repeatedly Press the SKIP⏮ or ⏭ button to display the requested chapter or track
The player starts playback from the selected chapter or track.

PREV ⏮ NEXT ⏭

How to locate proceeding chapters or tracks

- When you press the **SKIP** ⏮ button , the player starts playback from the beginning of the preceeding chapter or track.

How to locate succeeding chapters or tracks

- When you press the **SKIP**⏭ button , the player starts playback from the beginning of the succeeding chapter or track..

Notice: on some discs the titles may not display the sub-divided chapters.

Locating a Specific Title, Chapter or Track

LOCATING A TITLE

If a DVD video disc contains title numbers, you can locate a specific title by directly selecting a title number.

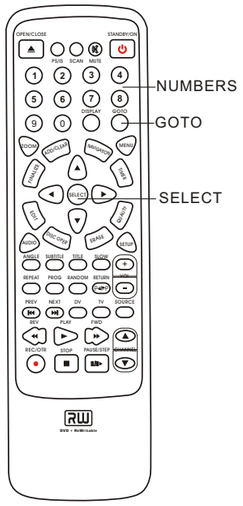
1.Press the GOTO button once during playback.
The control bar will display on the screen.

▶ CHAPTER---

2. To select your desired Chapter, input the number of available chapter, then press the SELECT button to confirm it.

e.g. To select Chapter2

▶ CHAPTER- **-2**



3. To select your desired title, press the GOTO button twice to highlight the icon ▶ TITLE:-- and input the number of available title, then press the SELECT button.

4.If you want to start playback from some time of point, press the GOTO button three times to highlight the icon ▶ TIME-: --:-- ,and input the available time, then press the SELECT button.

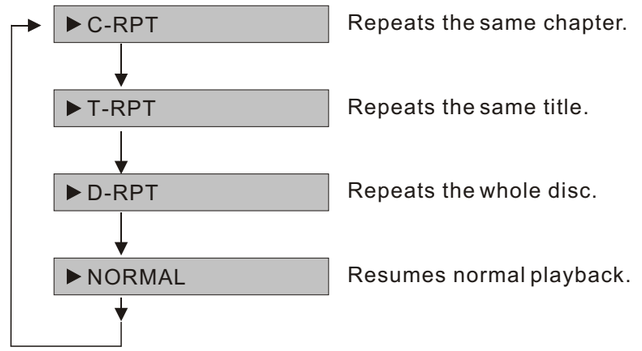
Note:
- The function is invalid on MP3 disc.
- For CD disc, GOTO is used for track/time selection.

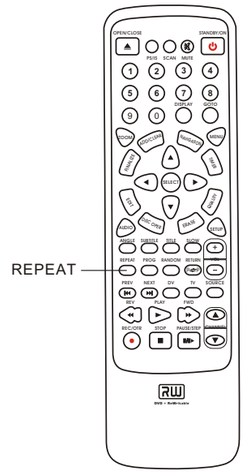
Playing Repeatedly

THIS RECORDER ALL ALLOWS YOU TO PLAYBACK A SPECIFIC TITLE, CHAPTER, TRACK, OR SEGMENT REPEATEDLY.(TITLE REPEAT, CHAPTER/TRACK REPEAT, A-B REPEAT)

HOW TO REPEAT A TITLE, CHAPTER, OR TRACK

1.Press the **REPEAT** button during playback.
The repeat mode changes, each time you press the **REPEAT** Button.





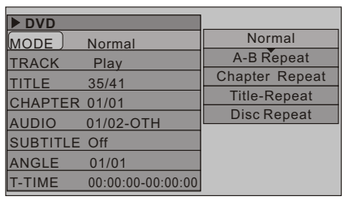
HOW TO REPEAT A SPECIFIC SEGMENT

1.Press the DISPLAY button twice to access the control bar.

2.Highlight MODE Normal ▶ by pressing the RIGHT/LEFT button, then press the SELECT button.

3.Use the UP/DOWN button to select A-B Repeat and press the SELECT button at the beginning of the segment in which you want to repeat playback(point A).

4.Press the SELECT button again at the end of the segment(point B)
The recorder will automatically return to point A and
Start to repeat playback to the selected segment(A-B)



5.Highlight MODE A-B Repeat ▶ by pressing the RIGHT/LEFT button, press the SELECT button.
Use the UP/DOWN button to select the NORMAL button and press SELECT button to resume normal playback.

Note:
- There are two repeat modes for MP3/CD disc. On CD disc, they are track repeat and disc repeat, and on MP3 disc, they are repeat song and repeat directory.